

## 2W 5.8GHz 2T2R Long Range 10-20km Outdoor IP Mesh Base Station Transceiver

Our Product Introduction

for more products please visit us on [zkmanet.com](http://zkmanet.com)

### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: ZKMANET
- Certification: CE,ISO9001
- Model Number: ZKManet2532UM
- Minimum Order Quantity: 1
- Price: USD 999~9999
- Packaging Details: Brown Carton
- Delivery Time: 5-8 working days
- Payment Terms: T/T, Western Union
- Supply Ability: 10000 pieces per year



### Product Specification

- Frequency: 5.8GHz
- Bandwidth: 20/40/80MHz
- RF Channel: 2T2R
- Output Power: 2W
- Network Capacity: 64
- Data Rate: 90Mbps
- Range: 10-20km(LOS)
- Dimensions: 286\*216\*122mm



### More Images



## Product Description

### 2W 5.8GHz 2T2R Long Range 10-20km Outdoor IP Mesh Base Station Transceiver

#### Product Description

ZKManet2532UM is a MESH networking product with high performance and high stability. It realizes different types of wireless coverage networking such as point-to-multipoint or point-to-point and MESH AD hoc networking by matching directional, all-directional, sector and other antenna types. It adopts anti-surge/static, anti-salt spray corrosion, EMC electromagnetic shielding. Advanced industrial design concept, can meet all kinds of complex electromagnetic environment and bad weather uninterrupted work.

#### Features

- \* Support RJ45 network; 5.8GHz as Frequency
- \* Bandwidth up to 90Mbps
- \* Rugged:IP67
- \* Range:10-20km (LOS)

#### Quick Deployment

Mesh self-organizing network technology enables rapid mobile deployment, allowing for the establishment of a reliable wireless communication network in a short period of time to meet the timeliness requirements of emergency communications.

#### Strong Stability

Mesh self-organizing network technology features self-healing capabilities, ensuring that even if some devices fail, the entire network can continue to operate stably, preventing communication interruptions.

#### High Security

Advanced encryption algorithms and security authentication mechanisms are employed to effectively safeguard the security and confidentiality of communication data, preventing information leakage and malicious attacks.

#### Specifications

Model	ZKManet2532UM	
RF parameters	Frequency	5.8GHz
	Bandwidth	20/40/80MHz
	RF Channel	2T2R
	Output Power	2W
Network parameters	Network capacity	64
	Date Rate	90Mbps
	Encryption	AES
	Range	10-20km(LOS)
Physics/Environment	Dimensions	286*216*122mm
	Weight	3.2kg
	Working Temp	-40°C ~ +65°C
	IP Rating	IP67
Electrical parameters	Power supply	12V
	Power Consumption	≤12W

#### Panel Description

1. MESH Antenna Interface 1
2. GPS Antenna Interface
3. MESH Antenna Interface 2
4. MESH Signal Indicator

Indicator Status		Signal Strength	
Red flickers		No device connected	
Red still		Weak signal	
Orange still		Medium signal	
Green still		Strong signal	
SNR	Indicator Color	Topology Color	Topology Value
0	Red flicker	Red	0
<-90	Red still	Red	<-90
-75 to -90	Orange still	Orange	-75 to -90
>-75	Green still	Green	>-75

5. RJ45 LAN Port (Waterproof)
6. Power Input Port (3 PIN)

2W 5.8GHz IP67 Long Range 10-20km Outdoor IP Mesh Base Station Transceiver

## Company Profile

Zhongke Lianxun (Shenzhen) Co., Ltd was established in 2005. The company focuses on the research and development of products for drone defense/control, wireless video transmission, and network security encryption/decryption. It leverages the technical expertise of renowned university network security institutes. The company specializes in providing data encryption and decryption solutions as well as drone defense solutions for industries such as wind power, national power, oil and gas, firefighting, public security, road and bridge construction, and emergency management agencies.

2W 5.8GHz IP67 Long Range 10-20km Outdoor IP Mesh Base Station Transceiver  
2W 5.8GHz IP67 Long Range 10-20km Outdoor IP Mesh Base Station Transceiver  
2W 5.8GHz IP67 Long Range 10-20km Outdoor IP Mesh Base Station Transceiver

## FAQ

2W 5.8GHz IP67 Long Range 10-20km Outdoor IP Mesh Base Station Transceiver  
2W 5.8GHz IP67 Long Range 10-20km Outdoor IP Mesh Base Station Transceiver

## Zhongke Lianxun (Shenzhen) Technology Co., Ltd



+86 13266718951



Info@chinamanet.com



zkmanet.com

203-B161, Block B, Garden City Digital Building, No.1079 Nanhai Avenue, Yanshan Community, Merchants  
Street, Nanshan District, Shenzhen, China